



**LEGEND**

- PHASE 1 BORING LOCATION
- ELEVATED DOWNHOLE GAMMA READING FROM PREVIOUS STUDY
- HISTORIC BOUNDARY OF ELEVATED DOWNHOLE READINGS
- NON-ELEVATED DOWNHOLE GAMMA READING FROM PREVIOUS STUDY
- HISTORIC BOUNDARY OF NON-ELEVATED DOWNHOLE READINGS
- HISTORIC BOUNDARY OF INTERPOLATED RIM LIMITS
- FENCE
- OU-1 BOUNDARY
- 03-20-14 TOPOGRAPHY (10' CONTOUR)
- 03-20-14 TOPOGRAPHY (2' CONTOUR)

**NOTES:**

- x AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED MARCH 20, 2014
- x SEE TABLE 6 FOR COMBINED THORIUM RESULTS (THORIUM 230 AND THORIUM 232)
- x ALL ELEVATIONS ARE ABOVE MEAN SEA LEVEL (AMSL)





**LEGEND**

PHASE 1 BORING LOCATION

ELEVATED DOWNHOLE GAMMA READING FROM PREVIOUS STUDY

NON-ELEVATED DOWNHOLE GAMMA READING FROM PREVIOUS STUDY

HISTORIC BOUNDARY OF ELEVATED DOWNHOLE READINGS

HISTORIC BOUNDARY OF NON-ELEVATED DOWNHOLE READINGS

HISTORIC BOUNDARY OF INTERPOLATED RIM LIMITS

FENCE

OU-1 BOUNDARY

03-20-14 TOPOGRAPHY (10' CONTOUR)

03-20-14 TOPOGRAPHY (2' CONTOUR)

**NOTES:**

x

AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS  
CO. AND IS DATED MARCH 20, 2014

x

SEE TABLE 7 FOR COMBINED RADIUM RESULTS (RADIUM 226  
AND RADIUM 228)

x

ALL ELEVATIONS ARE ABOVE MEAN SEA LEVEL (AMSL)

BRIDGETON LANDFILL  
13570 ST. CHARLES ROCK ROAD  
BRIDGETON, MISSOURI 63044

BRIDGETON LANDFILL  
THERMAL ISOLATION BARRIER  
INVESTIGATION PHASE 1 REPORT

**PHASE 1 ANALYTICAL SUMMARY:  
COMBINED RADIUM**

PROJECT NUMBER: BT-032 | FILE PATH:

Engineering for a Better World  
**FEZZOR**  
ENGINEERING, INC.

DESIGNED BY: PHL	APPROVED BY: CHW
REVISION	DATE

DECEMBER 2014

FIGURE NO.:  
**6**





**LEGEND**

- PHASE 1 BORING LOCATION
- ELEVATED DOWNHOLE GAMMA READING FROM PREVIOUS STUDY
- HISTORIC BOUNDARY OF ELEVATED DOWNHOLE READINGS
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- HISTORIC BOUNDARY OF NON-ELEVATED DOWNHOLE READINGS
- HISTORIC BOUNDARY OF INTERPOLATED RIM LIMITS
- FENCE
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- 03-20-14 TOPOGRAPHY (10' CONTOUR)
- 03-20-14 TOPOGRAPHY (2' CONTOUR)

**NOTES:**

- x AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED MARCH 20, 2014
- x SEE TABLE 5 FOR COMBINED URANIUM RESULTS (URANIUM 234, URANIUM 235 AND URANIUM 238)
- x ALL ELEVATIONS ARE ABOVE MEAN SEA LEVEL (AMSL)

BRIDGETON LANDFILL 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044		BRIDGETON LANDFILL THERMAL ISOLATION BARRIER INVESTIGATION PHASE 1 REPORT		DECEMBER 2014 DESIGNED BY: PHL APPROVED BY: DRF		FIGURE NO.:  <b>7</b>
PHASE 1 ANALYTICAL SUMMARY: COMBINED URANIUM				Engineering for a Better World <b>FEETZOR</b> ENGINEERING, INC.		
PROJECT NUMBER: BT-032   FILE PATH:				REVISION		
				DATE		